



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW109-3130-55-119-1
Job Sheet 201353



Part No: RBW109-3130-55-119-1

Job Qty: 6 pcs

DAS
21
3-00

Part Name: Base



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/1/19

Job Tracking No:

Due Date: 11/1/19

Type: SOLD

Created By: Marie Lajeunesse

Description:

Note: DWG RBW109-3130-55-119 Rev 4 IPP Rev. A 19.09.30 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	SL-2500Y - 1	6 pcs	11/1/19	11/1/19	1.00	6.00	SL-2500Y - 1	
110	QC 2	6 pcs	11/1/19	11/1/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S222141



Part: RBW109-3130-55-119-1

Job No: 201353

Serial No/Batch: S222141

Revision: 4

Inspector:

Exp Date:

Instructions:

Date: 10/12/19

					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					120 NV5000 - 1 - B4B	6 pcs
					NV5000 - 2 - B4B	
130 QC 2	6 pcs	11/1/19	0.00	0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	J.C.L. 12-10-19
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
150 QC 8	6 pcs	11/1/19	0.00	0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	

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				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	A-a 19-10-23
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
180	Outsource - 4 - Anodize	6 pcs	11/1/19	ATG001-VC	GROOOO 2019-10-24
190	Packaging 2-1 - Receive - B4B	6 pcs	11/1/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B

10/15/2019

[Dart Hawkesbury] Job Sheet - Renwick, Jennifer

200 QC 6	6 pcs	11/1/19	0.00	0.00	QC 6 - 9	NOV 07 2019	DAS 68 9-89
					QC 6 - 68		
					QC 6 - 61		
					QC 6 - 40		
					QC 6 - 81		
210 Packaging 3-1 - Stock - B4B	6 pcs	11/1/19	0.00	0.00	Packaging 3 - 1 - B4B		
					Packaging 3 - 2 - B4B		
					Packaging 3 - 3 - B4B		
					Packaging 3 - 4 - B4B		
					Packaging 3 - 5 - B4B		
					Packaging 3 - 6 - B4B		
					Packaging 3 - 7 - B4B		
					Packaging 3 - 8 - B4B		
					Packaging 3 - 9 - B4B		
					Packaging 3 - 10 - B4B		
					Packaging 3 - 11 - B4B		
					Packaging 3 - 12 - B4B		
					Packaging 3 - 13 - B4B		
					Packaging 3 - 14 - B4B		
					Packaging 3 - 15 - B4B		
					Packaging 3 - 16 - B4B		
					Packaging 3 - 17 - B4B		
					Packaging 3 - 18 - B4B		
					Packaging 3 - 19 - B4B		
					Packaging 3 - 20 - B4B		
					Packaging 3 - 21 - B4B		
					Packaging 3 - 22 - B4B		
					Packaging 3 - 23 - B4B		
					Packaging 3 - 24 - B4B		
					Packaging 3 - 25 - B4B		
					Packaging 3 - 26 - B4B		
					Packaging 3 - 27 - B4B		
					Packaging 3 - 28 - B4B		
					Packaging 3 - 29 - B4B		
					Packaging 3 - 30 - B4B		
					Packaging 3 - 31 - B4B		
					Packaging 3 - 32 - B4B		
					Packaging 3 - 33 - B4B		
					Packaging 3 - 34 - B4B		
					Packaging 3 - 35 - B4B		
					Packaging 3 - 36 - B4B		
220 QC 21 - SA	6 pcs	11/1/19	0.00	0.00	QC 21 - SA - 21	NOV 20 2019	DAS 21 3-08
					QC 21 - SA - 70		
Part Op 100 - 1-Machine as per folio FD024 FOLIO REV: <u>AA</u> DWG REV: <u>4</u> 2-Deburr Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) 120 - 1-Machine as per folio FD024 FOLIO REV: <u>AA</u> DWG REV: <u>4</u> 2-Deburr 130 - QC2- Inspect parts off machine FAI/FAIB 150 - (QC8- Inspect parts - second check) 180 - -Issue P/O; <u>44882</u> -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant - Material type; 6061T6 -Certificate of Conformity is required 190 - (Receive & Inspect for Damage & Mat'l Certs) 200 - (QC6- All purchased or subcontracted products) 210 - (Identify as per dwg & Stock Location: _____) 220 - (QC21- Final Inspection - Work Order Release)							

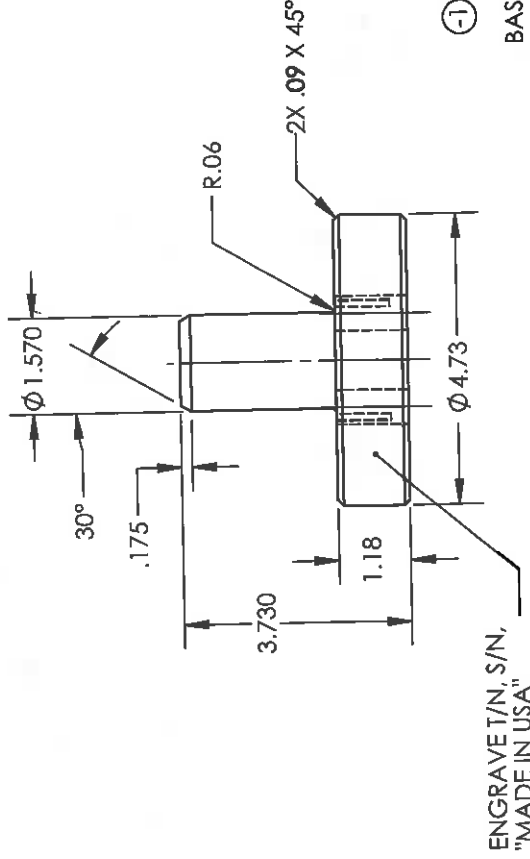
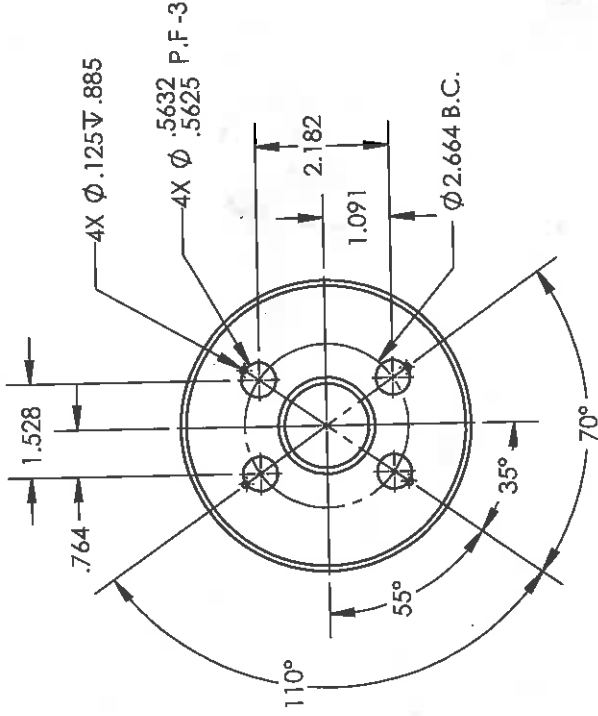
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M6061T6R5.000	6061-T6 Round Bar 5.000"	1.9200 ft (.32 ea)	100-SL-2500Y - 1	<u>S152621</u> = 1.92
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-SL-2500Y - 1	M6061T6R5.000	2	12	0
Part Specifications				
Specifications could not be found.				

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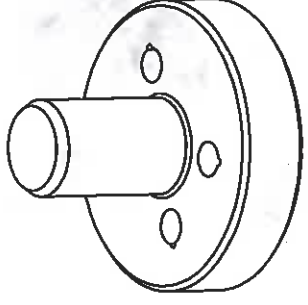
REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHD ENGRAVE NOTE WAS ENGRAVE T/N "RBW109-3130-55-119" S/N "MADE IN USA". IS ENGRAVE P/N "123"	6/26/2013	BIM	DW
2	1/1N, S/N, "MADE IN USA". DELETED ENGRAVE NOTE: ENGRAVE P/N "123"	4/7/2014	JAG	GE
3	1-1 CHD POSITION ON LOCATION PINS. ADDED B.C. Ø2.664.	5/7/2014	DPD	GE
4	1-1 DELETED COUNTERBORE ON HOLES.			



ENGRAVE T/N, S/N,
"MADE IN USA"

①
BASE



SHOP COPY
RETURN TO
ENGINEER
UNCONTROLLED
SUBJECT TO ALL
NOTES

201353 MJS
19-10-02

RED BARN MACHINE

SUPPORT ASSY

DWG NO. RBW109-3130-55-119-1 REV 4

DRAWN BY: GILBERT
APPROVED: *D. M.*
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FRACTIONS ± 1/32
DECIMALS ± .01
ANGLES ± .5°
1. BREAK ALL SHARP EDGES .015 x 45°
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SPEC QQ-P-416F, TYPE II, CLASS II
USED ON MODEL
AW109

SCALE 1:3 DATE 3/31/2011 SHEET 2 OF 3

Entered: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only



NCR No. _____

Job: _____

Part No. _____

Date :

Sequence #:

Description Work Order Deviation

QTY Affected :

Disposition

DISPOSITION

Rework
Scrap
Use-as-is

DEPARTMENT/PROCESS

Skid-tube
Machining
Large Fab

Cross tube
Small Fab
Finishing

Eng. (Non-AW)
Prod. Eng. Coord.
Rec/Store/Packaging

Engineering
Water Jet
Supplier
Quality

MRB (QS1042)

Completed By

Lead hand / Supervisor

QC / QA Coordinator

Root Cause

Operator
Manufacturing Process
Equip/Tooling
Handling/Preservation
Material
Product Improvement
Process Improvement
Human Factors

FAULT CATEGORY

Pressure/Forced
Bending
Crushing
Cracks
Crimp/Kink/Ripple/Wave/Twist
Marks/Chatter
Mislabeled

Contamination
Misaligned/off center
BOM/Route
Broken/Damage/Defect
Incomplete/Unclear Instructions
Drill Holes
Fit/Function

Power Loss/Surge
Folio/Program
Grain Direction
Weld
Wrong Stock Pulled
Out of Sequence
Off-set/Set-up

Positioned Wrong
Outside Tolerance
Drawing
Finish
Part Lost/Missing
Misread

Other/Details:



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB044882



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-8868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044882
PO Date: 10/24/19
Due Date: 11/1/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

E-MAILED
2019-10-28

Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	199899	RBW6405G12031-3G-11	RBW6405G12031-3G Rev 3	Half Set -Issue P/O -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type 6061T6 -Certificate of Conformity is required	Firmed	-	11/1/19	12 pcs	0 pcs	12 pcs	\$5.7142/pcs	\$68.57
2	201353	RBW109-3130-55-119-1	RBW109-3130-55-119 Rev 4	Base -Issue P/O -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type 6061T6 -Certificate of Conformity is required	Firmed	-	11/1/19	5 pcs	0 pcs	5 pcs	\$5.7142/pcs	\$28.57



Dart Aerospace Ltd.
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Canada

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PURCHASE ORDER
POHB044882



Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	199898	RBW6405G12031-3G-1	RBW6405G12031-3G Rev 3	Cup -Issue P/O -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type 6061T6 -Certificate of Conformity is required	Firmed	-	11/1/19	4 pcs	0 pcs	4 pcs	\$5.7142/pcs	\$22.86
											Grand Total:	\$120.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing (suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/28/19 9:27 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance
(023557-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip

023557 - 1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
01-Nov-2019		Jigar Patel		POHB044882				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBW6405G12031-3G-11 Rev.3	RBW6405G12031-3G 01-ANO-CLEAR [ANODIZE CLEAR] AS PER IAW MIL-A-8625F TYPE - 2, CLASS - 1 WATER SEALANT	ANODIZE CH	12	12	0	0	0
2	RBW109-3130-55-119-1 Rev.4	RBW109-3130-55-119 01-ANO-CLEAR [ANODIZE CLEAR] AS PER IAW MIL-A-8625F TYPE - 2, CLASS - 1 WATER SEALANT	ANODIZE CH	5	5	0	0	0
3	RBW6405G12031-3G-1 Rev.3	RBW6405G12031-3G ANO-CLEAR [ANODIZE CLEAR] AS PER IAW MIL-A-8625F TYPE - 2, CLASS - 1 WATER SEALANT	ANODIZE CH	4	4	0	0	0

RECEIVED
NOV 05 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.